



\*PATENT  
ATTORNEY DOCKET NO. 06666/013001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Svensson, et al.

Title : SYSTEM AND METHOD FOR POWER-EFFICIENT CHARGING AND  
DISCHARGING OF A CAPACITIVE LOAD FROM A SINGLE SOURCE

Application for Reissue of U.S. Patent No. 5,473,526

Issued : December 5, 1995

Reissue

Serial No.: 08/986,327

Reissue

Filed : 12/5/97

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Asst. Commissioner of Patents and Trademarks  
Washington, DC 20231

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CONSENT OF ASSIGNEE

The undersigned, whose title is supplied below, is  
empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee,  
hereby offers to surrender the above-identified Letters Patent,  
and consents to the accompanying reissue application. The  
undersigned further requests that Letters Patent be reissued to  
it for the same invention upon the foregoing amended application.

I hereby declare that all statements made herein of my  
own knowledge are true and that all statements made on  
information and belief are believed to be true; and further that  
these statements were made with the knowledge that willful false

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Date: 7/2/98

Dennis F. Dougherty

Name: Dennis F. Dougherty  
Title: Sr. Vice President, Administration

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STATEMENT UNDER 3.73(b)

Under 37 CFR §3.73(b), the University of Southern California, a corporation of California, certifies that it is the assignee of the entire right, title and interest in the patent identified above by virtue of an assignment from the inventors. The assignment was recorded in the Patent and Trademark Office at Reel 0744, Frame 0586, on June 17, 1994.

The undersigned has reviewed all the documents in the chain of title of the patent, and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

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Deborah L. CLARK  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Date: 7/2/98

Dennis F. Dougherty

Name: Dennis F. Dougherty  
Title: Sr. Vice President, Administration

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## RECORDATION FORM COVER SHEET

## PATENTS ONLY

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Assistant Commissioner for Patents: Please record the attached copies of an original document.

## 1. Name of conveying party(ies):

Lars Svensson

William C. Athas

Jeffrey G. Koller

Additional name(s) attached?  Yes  No

## 2. Name and address of receiving party(ies):

University of Southern California

3716 South Hope Street

Los Angeles, CA 90007-4344

Additional names/addresses attached?  Yes  No

## 3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: 6/9/98; 6/8/98; and 6/8/98,  
respectively

## 4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: 6/9/98; 6/8/98; and 6/8/98, respectively.

A. Patent Application No.(s):

Serial No. 08/986,327, filed 12/5/97

B. Patent No.(s):

Additional numbers attached?  Yes  No

## 5. Name/address of party to whom correspondence concerning document should be mailed:

Scott C. Harris, Reg. No. 32,030

Fish &amp; Richardson P.C.

4225 Executive Square, Suite 1400

La Jolla, CA 92037

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

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8. Deposit account number: 06-1050

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is a true copy of the original document.**FOR* Scott C. Harris, Reg. No. 32,030

Name of Person Signing

Signature

*Scott C. Harris, Reg. No. 32,030*

Date

*July 8, 1998*

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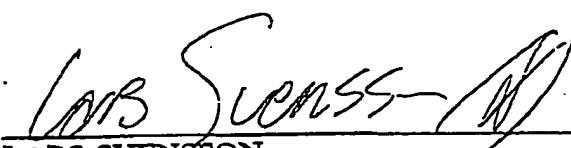
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*Jeffrey G. Koller*

ASSIGNMENT

For valuable consideration, we, Lars Svensson, of Lund, Sweden; William C. Athas, of \_\_\_\_\_; Jeffrey G. Koller, of \_\_\_\_\_; hereby assign to University of Southern California, a California corporation having a place of business at 3716 South Hope Street, Los Angeles, California 90007-4344, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled **SYSTEM AND METHOD FOR POWER-EFFICIENT CHARGING AND DISCHARGING OF A CAPACITIVE LOAD FROM A SINGLE SOURCE**, filed December 5, 1997, and assigned U.S. Serial Number 08/986,327, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements; and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 6/9/98

  
LARS SVENSSON

Date: \_\_\_\_\_

WILLIAM C. ATHAS

Date: \_\_\_\_\_

JEFFREY G. KOLLER

## ASSIGNMENT

For valuable consideration, we, Lars Svensson, of Lund, Sweden; William C. Athas, of \_\_\_\_\_; Jeffrey G. Koller, of \_\_\_\_\_; hereby assign to University of Southern California, a California corporation having a place of business at 3716 South Hope Street, Los Angeles, California 90007-4344, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled **SYSTEM AND METHOD FOR POWER-EFFICIENT CHARGING AND DISCHARGING OF A CAPACITIVE LOAD FROM A SINGLE SOURCE**, filed December 5, 1997, and assigned U.S. Serial Number 08/986,327, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: \_\_\_\_\_

Date: 6/8/98Date: 6/8/98

LARS SVENSSON

WILLIAM C. ATHAS

JEFFREY G. KOLLER

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